



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re nonprovisional patent application of: Michael Ray Carr

Application No: 10/614,580 Examiner Name: Thor S. Campbell

Mailing Date of  
Office Action: September 30, 2004

Filing Date: December 9, 2003 Group Art Unit: 3742

For: OILFIELD TOOL HEATING ELEMENT IN LINE

I, Scott J. Fields, Registration Number 32,857  
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Scott J. Fields

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Commissioner for Patents  
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**Response to Official Action**

Dear Sir/Madam:

This response under 37 C.F.R. §1.111 is submitted in response to the  
Office Action dated September 30, 2004.

Reconsideration and allowance are respectfully requested. No new  
matter is added herein.